

## Alexa Skills - Coding Workshops

Learn to make a new skill for Alexa at our 2 hour weekly workshops



This is for you if you:

- Are a beginner and want to learn some coding skills through working with Alexa.
- Already know some coding and would like to learn something new.

**Dates:** Tuesdays May 29th, June 5th, 12th, 19th, 26th and July 3rd 2018

**Times:** 6.30pm to 8.30pm

**Venue:** Isle of Sheppey Sailing Club, Marine Parade, Sheerness ME12 2BE

**Cost:** £12.50 per person per 2 hour workshop or £60 for the full set of six workshops (paid in advance). **FREE** for ages 16-19.

**Group size:** 6-10. **Bring your laptop** (we have a few we can loan if necessary).

**Booking essential - visit [www.futurecoders.org.uk](http://www.futurecoders.org.uk)**

Registered address: Dragon Coworking, 7-8 New Road Avenue, CHATHAM ME6 4BB

Company number: 10593417

Website: <http://futurecoders.org.uk/>

**Contact:** [karen@futurecoders.org.uk](mailto:karen@futurecoders.org.uk)

**Phone:** 07791769048

Hour	Content
1	How does Alexa work? Working in the cloud. Building a prototype using Storyline.
2	Designing a skill and identifying the intents. Calling APIs and including sound files.
3	Using the Alexa interface to create the skill.
4	Learn to write simple java programs with input and output.
5	Learn to write java programs with input, output and selection.
6	Learn to write java programs with input, output, random number generation.
7	Learn to write java programs that can call APIs
8	Building a Java Lambda function and uploading it to Amazon Web Services (AWS)**
9	Testing a lambda function on AWS Joining the lambda function to the Alexa skill.
10	Adding functionality to your lambda function.
11	Individual project to develop a simple skill from techniques already learnt.
12	Consolidation and individual project work - create your own chart from your favourite set of data Share your skill with the rest of the group.
<p>This is an introductory course</p> <p><b>Learn to code by making an Alexa skill</b></p> <p>(** you will need to create an AWS account and a developer account - both on free tier)</p> <p><b>Booking essential - visit <a href="http://www.futurecoders.org.uk">www.futurecoders.org.uk</a></b></p>	

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